

SEQUENCE LISTING

<110>	Japan	Atomic	Energy	Research	Institute
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	SATOH,	Katsuva	3		

- <120> A method for efficiently determining a DNA strand break
- <130> 001458.00037
- <140> US 10/664,044
- <141> 2003-09-17
- <150> JP 2003-26303
- <151> 2003-02-03
- <160> 4
- <170> PatentIn version 3.1
- <210> 1
- <211> 284
- <212> PRT
- <213> Deinococcus radiodurans, strain KD8301
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- <223> Amino acid sequence of DNA repair promoting protein, PprA, of Deinococcus radiodurans, strain KD8301.
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Gln Ser Leu Gln Glu Ala Gln Gly Arg Trp Gly Leu Gly Leu His His 50 60

Leu Arg His Glu Ala Arg Leu Thr Asp Asp Gly Asp Ile Glu Ile Leu 65 70 75 80

Thr Asp Gly Arg Pro Ser Ala Arg Val Ser Glu Gly Phe Gly Ala Leu 85 90 95

Ala Gln Ala Tyr Ala Pro Met Gln Ala Leu Asp Glu Arg Gly Leu Ser 100 105 110

Gln Trp Ala Ala Leu Gly Glu Gly Tyr Arg Ala Pro Gly Asp Leu Pro 115 120 125

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Asp Trp Ser Ala Gly Arg Gly Glu Thr Phe Gln Arg Val Trp Arg Lys 145 150 155 160

Gly Asp Thr Leu Phe Val Glu Val Ala Arg Pro Ala Ser Ala Glu Ala 165 170 175

Ala Leu Ser Asp Ala Ala Trp Asp Val Ile Ala Ser Ile Lys Asp Arg 180 185 190

Ala Phe Gln Arg Glu Leu Met Arg Arg Ser Glu Lys Asp Gly Met Leu 195 200 205

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Gln Leu Pro Glu Ala His Phe Thr Val Gln Ala Phe Val Gln Thr Leu 225 230 235 240

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<223> Nucleotide sequence of DNA repair promoting protein, pprA, of Deinococcus radiodurans, strain KD8301.

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